

GUIDELINES FOR SHADE

Latitude for Metro Phoenix is 33° 30' North

OVERHANG TABLE FOR FULL SHADE OF SOUTH WALLS ORIENTED WITHIN 5 DEGREES OF SOUTH

WALL HEIGHT (measured in feet)	OVERHANG LENGTH (horizontal projection measured in feet)		
Dimension from floor or bottom of window to underside of Overhang	Spring Equinox MARCH 20th 12:00 Noon Altitude Angle - 55.7°	Summer Soltice JUNE 21st 12:00 Noon Altitude Angle - 78°	Fall Equinox SEPT 22nd 12:00 Noon Altitude Angle - 56.1°
8'	5.46'	1.7'	5.38'
9'	6.14'	1.96'	6.05'
10'	6.82'	2.13'	6.72'
11'	7.5'	2.34'	7.39'
12'	8.19'	2.55'	8.06'
13'	8.87'	2.76'	8.74'
14'	9.55'	2.98'	9.41'
15'	10.23'	3.19'	10.08'
16'	10.91'	3.4'	10.75'
17'	11.6'	3.61'	11.42'
18'	12.28'	3.83'	12.1'
19'	12.96'	4.04'	12.77'
20'	13.64'	4.25'	13.44'
For further information, visit the Shadow Length Calculator web site - http://www.wsanford.com/~wsanford/shadow_length.html or the Sun Angle Calculator - http://www.susdesign.com/sunangle/			